

06/15/01  
7c839 U.S. PTO

CE-18-01

A

UTILITY PATENT APPLICATION TRANSMITTAL  
(only for new and continuation-in-part  
nonprovisional applications under 37 CFR  
1.53(b))

Docket No.:  
P-RD 4806

Box 500

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23601

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This is a request for filing a  
X new utility patent application under 37 CFR 1.53(b)(1).

continuation-in-part under CFR 1.53(b)(2) of prior  
application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
(list entire parentage).

Title: USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES IN LIGATING  
NUCLEIC ACIDS

Inventor(s) (full name of each inventor): Alex B. Burgin, Jr.  
Lance J. Stewart

Enclosed are:

- X Return receipt postcard
- X Patent Application Bibliographic Data Sheet
- X 1 Page application cover sheet
- X 86 Pages of specification (includes claims and abstract)
- X 9 Sheets of drawing(s)
- Pages of an executed Declaration for Patent Application
- An executed Power of Attorney for Patent Application by Assignee
- X Paper copy of sequence listing, pages 1 through 15
- X Sequence listing in computer readable form
- X Statement Under 37 CFR 1.821(f)
- An executed assignment and cover sheet
- An executed Statement Under 37 CFR 3.73(b)
- An executed small entity statement
- Request for Nonpublication and Certification
- Also enclosed: \_\_\_\_\_

— This application is based on prior foreign application(s)  
No. (s) \_\_\_\_\_, filed in \_\_\_\_\_ on \_\_\_\_\_  
\_\_\_\_\_, respectively, and priority is hereby claimed  
therefrom.

X This application is based on, and claims the benefit of,  
U.S. Provisional Application No. 60/290,313, filed May 10,  
2001, and entitled USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES  
IN LIGATING NUCLEIC ACIDS, and which is incorporated herein  
by reference.

11046 U.S. PTO  
09/862274  
06/15/01

Inventor(s): Burgin and Stewart  
Docket No.: P-RD 4806  
Page 2

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate		Fee	
					Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	56- 20	=	36	x	\$9	\$18	= \$	\$
Indepen- dent Claims	10 - 3	=	7	x	\$40	\$80	= \$	\$
Multiple Dependent Claims Presented: ___ Yes <u>x</u> No					\$135	\$270	\$	\$
					BASIC FEE		\$355	\$710
					TOTAL FEE		\$	\$

\_\_\_ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

x The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.

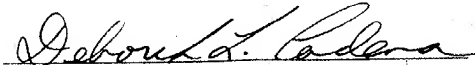
\_\_\_ The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

Address all future communications to:

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USPTO CUSTOMER NO. 23601

Respectfully submitted,

Date: June 15, 2001

  
Deborah L. Cadena  
Registration No. 44,048  
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PATENT  
Our Docket: P-RD 4806

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Burgin and Stewart

Serial No.: Unknown

Filed: Herewith

For: USE OF PHOSPHOROTHIOLATE)  
POLYNUCLEOTIDES IN )  
LIGATING NUCLEIC ACIDS )

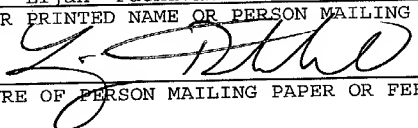
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Sir:

STATEMENT UNDER 37 C.F.R. § 1.821(f)

I hereby state that the content of the paper and  
computer readable copies of the Sequence Listing, submitted in  
accordance with 37 CFR § 1.821(c) and (e), respectively, are the  
same.

Respectfully submitted,

June 15, 2001  
Date

  
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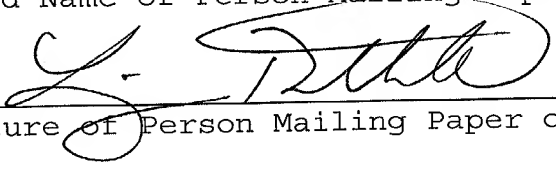
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Lijan Puthuvalil

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